

WHAT IS CLAIMED IS:

1. A method for generating policy rules which is adapted to automatically execute administration during execution of one or more jobs in an information processing system by using the policy rules describing actions adoptable when an event such as a fault occurs, comprising:

a step of preparing a job execution condition describing an execution limit condition and a method of evaluating an amount of loss incurred when said execution limit condition is not met, in respect of each of the one or more jobs;

a step of evaluating an amount of loss by making reference to said job execution condition when a special action is taken in the event that a special event occurs in a special one of said jobs; and

a step of executing the step of evaluating an amount of loss in respect of all of plural actions prepared for said special job and said special event and determining an action which minimizes the evaluated loss amount.

2. A policy rule generation method according to claim 1, wherein the step of preparing a job execution condition includes a step of describing a requested complete time of the job as said execution limit condition.

3. A policy rule generation method according to claim 1, wherein the step of preparing a job execution

condition includes a step of describing a function as the method of evaluating an amount of loss incurred when said limit condition is not met, and the step of evaluating an amount of loss includes a step of executing said function.

4. A policy rule generation method according to claim 3, wherein said function is a function using a delay time of job completion as an argument and in the step of executing said function, the delay time of job completion is calculated.

5. A policy rule generation method according to claim 1 further comprising:

a step of preparing a job execution schedule containing complete schedule times of said one or more jobs; and

a step of describing each of said one or more actions as a subroutine for modifying said job execution schedule,

wherein the step of evaluating an amount of loss when a special action is taken includes a step of executing a subroutine describing the action in question to modify said job execution schedule.

6. A policy rule generation method according to claim 1, wherein the step of determining an action which minimizes the evaluated loss amount is executed at all schedule times at which one or more jobs are being executed.

7. A method for executing automatic

administration of one or more jobs by using policy rules in an information processing system, comprising:

a step of preparing a job execution condition describing an execution limit condition and a method of evaluating an amount of loss incurred when said execution limit condition is not met, in respect of each of the one or more jobs;

a step of evaluating an amount of loss by making reference to said job execution condition when a special action is taken in the event that a special event occurs in a special one of said jobs; and

a step of executing the step of evaluating an amount of loss in respect of all of plural actions prepared for said special job and said special event and determining an action which minimizes the evaluated loss amount.

8. A method for executing automatic administration of one or more jobs according to claim 7 further comprising:

a step of preparing a job execution schedule containing complete schedule times of said one or more jobs; and

a step of describing each of said one or more actions as a subroutine for modifying said job execution schedule,

wherein the step of evaluating an amount of loss when a special action is taken includes a step of executing a subroutine describing the action in

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question to modify said job execution schedule.